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0806

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#8



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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/091,912

DATE: 08/09/2002  
TIME: 12:55:05

Input Set : A:\GC724-seqlist.txt  
Output Set: N:\CRF3\08092002\J091912.raw

4 <110> APPLICANT: Bott, Richard R.  
5 Kellis, James T.  
6 Morrison, Thomas B.  
8 <120> TITLE OF INVENTION: High Throughput Mutagenesis Screening  
9 Method  
11 <130> FILE REFERENCE: GC724  
13 <140> CURRENT APPLICATION NUMBER: US 10/091,912  
14 <141> CURRENT FILING DATE: 2002-03-05  
16 <160> NUMBER OF SEQ ID NOS: 2  
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 818  
22 <212> TYPE: DNA  
23 <213> ORGANISM: Pseudomonas mendocina  
25 <400> SEQUENCE: 1  
26 tggcggcctc ttgcctgtcc gtctgtgcctt ctgtcgccggc ggctccccctg ccggatacac 60  
27 cgggagcgcc atttccggct gtgcgcattt tcgaccgcag tggccctac accaccagca 120  
28 gccagagcga gggggccgagc tgcgcattct atcggcccccgg cgacccctgggt cagggggggcg 180  
29 tgcgtcatcc ggtgtattctc tggggcaatgg gcaccgggtgc cggggccgtcc acctatgcgg 240  
30 gcttgcatac gcactgggca agccacgggt tcgtgggtgc ggcggcggaa acctccaaatg 300  
31 ccggtaccgg gcgggaaatg ctcgcctgccc tggactatct ggtacgtgag aacgacacccc 360  
32 cctacggcac ctattccggc aagctcaata ccggggcgagt cggcacttct gggcattcccc 420  
33 agggtgggtgg cggctcgatc atggccgggc aggatacgg ggtgcgtacc acggcgccga 480  
34 tccagcccta caccctcgcc ctggggcacg acagccctc gcagcggcgg cagcaggggc 540  
35 cgatgttccct gatgtccgggt ggcgggtgaca ccattgcctt tccctacctc aacgctcagc 600  
36 cggctctaccg gcggtccaaat gtgcgggtgt tctggggcga acggcgttac gtcagccact 660  
37 tcgagccgggt cggtagcggt ggggcctatc gcggcccgag cacggcatgg ttccgcttcc 720  
38 agctgatggatgaccaagac gcccgcgtca cttctacgg cgccgactgc agtctgtgca 780  
39 ccaggctgct gtggtcggtc gagcggccggc ggctttaa 818  
41 <210> SEQ ID NO: 2  
42 <211> LENGTH: 272  
43 <212> TYPE: PRT  
44 <213> ORGANISM: Pseudomonas mendocina  
46 <400> SEQUENCE: 2  
47 Met Ala Ala Ser Cys Leu Ser Val Cys Ala Thr Val Ala Ala Ala Pro  
48 1 5 10 15  
49 Leu Pro Asp Thr Pro Gly Ala Pro Phe Pro Ala Val Ala Asn Phe Asp  
50 20 25 30  
51 Arg Ser Gly Pro Tyr Thr Thr Ser Ser Gln Ser Glu Gly Pro Ser Cys  
52 35 40 45  
53 Arg Ile Tyr Arg Pro Arg Asp Leu Gly Gln Gly Gly Val Arg His Pro  
54 50 55 60  
55 Val Ile Leu Trp Gly Asn Gly Thr Gly Ala Gly Pro Ser Thr Tyr Ala

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56	65	70	75	80												
57	Gly	Leu	Leu	Ser	His	Trp	Ala	Ser	His	Gly	Phe	Val	Val	Ala	Ala	Ala
58																95
59	Glu	Thr	Ser	Asn	Ala	Gly	Thr	Gly	Arg	Glu	Met	Leu	Ala	Cys	Leu	Asp
60																110
61	Tyr	Leu	Val	Arg	Glu	Asn	Asp	Thr	Pro	Tyr	Gly	Thr	Tyr	Ser	Gly	Lys
62																125
63	Leu	Asn	Thr	Gly	Arg	Val	Gly	Thr	Ser	Gly	His	Ser	Gln	Gly	Gly	Gly
64																140
65	Gly	Ser	Ile	Met	Ala	Gly	Gln	Asp	Thr	Arg	Val	Arg	Thr	Thr	Ala	Pro
66																160
67	Ile	Gln	Pro	Tyr	Thr	Leu	Gly	Leu	Gly	His	Asp	Ser	Ala	Ser	Gln	Arg
68																175
69	Arg	Gln	Gln	Gly	Pro	Met	Phe	Leu	Met	Ser	Gly	Gly	Gly	Asp	Thr	Ile
70																190
71	Ala	Phe	Pro	Tyr	Leu	Asn	Ala	Gln	Pro	Val	Tyr	Arg	Arg	Ala	Asn	Val
72																205
73	Pro	Val	Phe	Trp	Gly	Glu	Arg	Arg	Tyr	Val	Ser	His	Phe	Glu	Pro	Val
74																220
75	Gly	Ser	Gly	Gly	Ala	Tyr	Arg	Gly	Pro	Ser	Thr	Ala	Trp	Phe	Arg	Phe
76																240
77	Gln	Leu	Met	Asp	Asp	Gln	Asp	Ala	Arg	Ala	Thr	Phe	Tyr	Gly	Ala	Gln
78																255
79	Cys	Ser	Leu	Cys	Thr	Ser	Leu	Leu	Trp	Ser	Val	Glu	Arg	Arg	Gly	Leu
80																270

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VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/091,912

DATE: 08/09/2002  
TIME: 12:55:06

Input Set : A:\GC724-seqlist.txt  
Output Set: N:\CRF3\08092002\J091912.raw

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